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UTILITY PATENT APPLICATION TRANSMITTAL

Only for new nonprovisional applications under 37 CFR 1.53(b)

Attorney Docket No.	4443D1
First Inventor	Paul D. Grossman
Title	PROBE / MOBILITY MODIFIER COMPLEXES MULTIPLEX NUCLEIC ACID DETECTION
Express Mail Label No.	EL 782 734 795 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
- ☐ Applicant claims small entity status.
See 37 CFR 1.27.
- ☒ Specification [Total Pages 28]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
- Oath or Declaration [Total Pages 3]
 - ☐ Newly executed (original or copy)
 - ☒ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 17 completed)
 - ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76.

ADDRESS TO:

Assistant Commissioner for Patent
Box Patent Application
Washington, DC 20231

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - ☐ Computer Readable Copy (CRF)
 - Specification Sequence Listing on:
 - ☐ CD-ROM or CD-R (2 copies); or
 - ☐ paper
 - ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet & document(s))
- ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
- ☐ Certified copy of Priority Document(s) (if foreign priority is claimed)
- ☐ Other: _____
Other: _____

17. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No.: 09 / 522,640 filed March 10, 2000

Prior application information:

Examiner: Einsmann, J.

Group Art Unit: 1655

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon if it has been inadvertently omitted from the submitted application parts.

CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label (Insert 22896 or Attach bar code label here) or ☐ Correspondence address below

Name	PATENT TRADEMARK OFFICE Paul D. Grossman Applied Biosystems 850 Lincoln Centre Drive				
Address					
City	Foster City	State	California	Zip Code	94404
Country		Telephone	650.638.5846	Fax	650.638.6677

Name (Print/Type)	Paul D. Grossman	Registration No. (Attorney/Agent)	36,537
Signature	<i>Paul D. Grossman</i>	Date	November 28, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box 24343_1.DOC

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number	To be assigned
Filing Date	November 28, 2000 (herewith)
First Named Inventor	Paul D. Grossman
Examiner Name	To be assigned
Group Art Unit	To be assigned
Attorney Docket No.	4443D1

TOTAL AMOUNT OF PAYMENT (\$ 710.00)

PTO/SB/17 (11-00)
JC784 U.S. PTO
09/724730
11/28/00

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number: 01-2213
Deposit Account Name: PE Applied Biosystems Div.

- ☒ Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☐ Payment Enclosed:
☐ Check ☐ Credit card ☐ Money ☐ Other Order

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description	Fee Paid
101	710	Utility filing fee	710.00
106	320	Design filing fee	
107	490	Plant filing fee	
108	710	Reissue filing fee	
114	150	Provisional filing fee	
SUBTOTAL (1)			(\$ 710.00)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
11	-20**= 0	18.00	0.00
1	-3**= 0	80.00	0.00
Multiple Dependent		0.00	0.00

**or number previously paid, if greater; For Reissues, see below

Large Entity Code (\$)	Small Entity Code (\$)	Fee Description
103	18	Claims in excess of 20
102	80	Independent claims in excess of 3
104	270	Multiple dependent claim, if not paid
109	80	** Reissue independent claims over original patent
110	18	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00)

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	Surcharge - late filing fee or oath	
127	50	Surcharge - late provisional filing fee or cover sheet	
139	130	Non-English specification	
147	2520	For filing a request for <i>ex parte</i> reexamination	
112	920*	Requesting publication of SIR prior to Examiner action	
113	1840*	Requesting publication of SIR after Examiner action	
115	110	Extension for reply within first month	
116	390	Extension for reply within second month	
117	890	Extension for reply within third month	
118	1390	Extension for reply within fourth month	
128	1890	Extension for reply within fifth month	
119	310	Notice of Appeal	
120	310	Filing a brief in support of an appeal	
121	270	Request for oral hearing	
138	1510	Petition to institute a public use proceeding	
140	110	Petition to revive - unavoidable	
141	1240	Petition to revive - unintentional	
142	1240	Utility issue fee (or reissue)	
143	440	Design issue fee	
144	600	Plant issue fee	
122	130	Petitions to the Commissioner	
123	50	Petitions related to provisional applications	
126	180	Submission of Information Disclosure Stmt	
581	40	Recording each patent assignment per property (times number of properties)	
146	710	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	Request for Continued Examination (RCE)	
169	900	Request for expedited examination of a design application	
Other fee (specify)			

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

Name (Print/Type)	Paul D. Grossman	Registration No. (Attorney/Agent)	36,537	Telephone	650.638.5846
Signature		Date	November 28, 2000		

WARNING:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

CERTIFICATION UNDER 37 CFR 1.10

Express Mail Number: EL 782 734 795 US Date of Deposit: November 28, 2000
 I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box: Patent Application, Washington, D.C. 20231.

Mila T. Kasan
 (Print Name of Person Mailing Application)

Paul D. Grossman
 (Signature of Person Mailing Application)

Docket No. 4443D1

JC784 U.S. PTO
09/724730
 11/28/00

*#3K
 pg
 1.13.07*

**Transmittal of Divisional Patent Application
 For Filing Under 37 CFR 1.53(b)**

PRIOR APPLICATION: Examiner: **Einsmann, J.** Art Unit: **1655**

Assistant Commissioner for Patents
 Box: Patent Application
 Washington, D.C. 20231

Sir:

This is a request for filing a ☐ continuation ☒ divisional application under 37 CFR 1.53(b), of pending prior application serial no. 09/522,640 filed on March 10, 2000 by Paul D. Grossman entitled

**PROBE / MOBILITY MODIFIER COMPLEXES FOR MULTIPLEX NUCLEIC
 ACID DETECTION**

1. Enclosed are:

- ☒ One stamped, self-addressed postcard for PTO datestamp.
- ☒ Certificate of Express Mail.
- ☒ One utility patent application containing text pages 1 - 28 and ☒ 2 sheets of ☒ formal ☐ informal drawings.
- ☒ Copy of executed Declaration of Inventorship from parent application serial no. 09/522,640.
- ☐ Sequence Listing printout, Request to Use from prior application, and matching Declaration.
- ☐ A Preliminary Amendment.
- ☐ A new Power of Attorney.

2. Amendment

- ☐ Please enter the enclosed Preliminary Amendment before calculating the filing fee. It is understood that only amendments reducing the number of claims will be entered for this purpose.
- ☒ Please cancel original claims 12-25, inclusive, before calculating the filing fee. (At least one original independent claim should be retained for filing purposes.)
- ☒ Amend the specification by inserting before the first line the sentence: -- This application is a divisional of application serial no. 09/522,640 filed March 10, 2000, which claims the benefit of provisional application serial no. 60/124,386 filed March 15, 1999. --

N.E.

3. Extension of Time

- ☒ A petition for extension of time has been filed in the parent to extend the pendency of the parent to December 16, 2000 (copy enclosed).

09/724730

- ☒ **Conditional Petition for Extension of Time:** An Extension of Time is requested to provide for timely filing *if* required to establish copendency with the parent after all papers filed herewith have been considered.

4. **Prior Documents Still in Effect**

- ☒ This application and parent application Serial No. 09/ 522,640 filed March 10, 2000 are assigned of record to PE Corporation.
- ☒ Power of attorney in the above-identified prior application is to Paul D. Grossman, Reg. No. 36,537, and the other attorneys or agents identified therein.


5. **Fees**

The filing fee is calculated below taking into account any amendments in section 2 above:

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
TOTAL CLAIMS	11 - 20	0	X \$18	\$0.00
INDEPENDENT CLAIMS	1 - 3	0	X \$80	\$0.00
	BASIC FEE			\$710.00
	Multiple Dependency Fee If Applicable \$270.00			
	Total			
	50% Reduction for Independent Inventor, Non-profit Organization or Small Business Concern			
	TOTAL FILING FEE			\$710.00

- ☒ The Commissioner is hereby authorized to charge the filing fee, any deficiency in fees under 37 CFR 1.16 and 1.17, or any other fees necessary for timely filing of this application, or credit any overpayment to Deposit Account No. 01-2213. A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \$ _____ is enclosed.
- ☐ Filing fee to be submitted in response to anticipated receipt of Notice to File Missing Parts.
DO NOT CHARGE DEPOSIT ACCOUNT.

Respectfully submitted,


Paul D. Grossman, Reg. No. 36,537

Dated: November 28, 2000

Correspondence Address:

Applied Biosystems
850 Lincoln Centre Drive
Foster City, California 94404
Telephone: 650-638-5846
Facsimile: 650-638-6677

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

12/04/2000 ETULU1 00000028 012213 09724730

01 FC:101 710.00 CH